

MATERIAL SAFETY 3M
DATA SHEET 3M Center
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DIVISION: SURFACE CONDITIONING DIVISION

TRADE NAME:

Sanding Sponges

ISSUED: June 26, 2001

SUPERSEDES: June 22, 2001

DOCUMENT: 08-4999-2

1. INGREDIENT	C.A.S. NO.	PERCENT
ALUMINUM OXIDE OR.....	1344-28-1	25 - 75
SILICON CARBIDE.....	409-21-2	25 - 75
SPONGE.....	Unknown	10 - 75
CURED ADHESIVE.....	Unknown	5 - 50
SCRIM.....	Unknown	0 - 5

2. PHYSICAL DATA

BOILING POINT:..... N/A
VAPOR PRESSURE:..... N/A
VAPOR DENSITY:..... N/A
EVAPORATION RATE:..... N/A
SOLUBILITY IN WATER:..... N/A
SPECIFIC GRAVITY:..... N/A
PERCENT VOLATILE:..... N/A
pH:..... N/A
VISCOSITY:..... N/A
MELTING POINT:..... N/A

APPEARANCE AND ODOR:

Open cell sponge coated with adhesive, scrim and mineral.

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... N/A
FLAMMABLE LIMITS - LEL:..... N/A
FLAMMABLE LIMITS - UEL:..... N/A
AUTOIGNITION TEMPERATURE:..... N/A

EXTINGUISHING MEDIA:

Water, Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Not applicable.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 0 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Not applicable.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

No hazardous decomposition products are expected during normal use of this product. However, during flaming conditions or excessive heating the following may be emitted: carbon monoxide, carbon dioxide, oxides of nitrogen, cyanides, formaldehyde

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Not applicable.

RECOMMENDED DISPOSAL:

Incinerate in an industrial or commercial facility. Dispose of waste product in a sanitary landfill.

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5. ENVIRONMENTAL INFORMATION (continued)

ENVIRONMENTAL DATA:
Not determined.

REGULATORY INFORMATION:
Volatile Organic Compounds: N/A.
VOC Less H2O & Exempt Solvents: N/A.

Since regulations vary, consult applicable regulations or authorities
before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S.
EPA Hazardous).

EPCRA HAZARD CLASS:
FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: No

6. SUGGESTED FIRST AID

EYE CONTACT:
Immediately flush eyes with large amounts of water. Get immediate
medical attention.

SKIN CONTACT:
Wash affected area with soap and water.

INHALATION:
If signs/symptoms occur, remove person to fresh air. If
signs/symptoms continue, call a physician.

IF SWALLOWED:
Not applicable.

OTHER FIRST AID INFORMATION:
All first aid statements refer to exposure of dust created by
cutting, sanding or grinding.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:
Wear safety glasses with side shields.

Use protective glasses and/or face shield as recommended in ANSI
Standard Z87.1.

SKIN PROTECTION:
Not applicable.

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7. PRECAUTIONARY INFORMATION (continued)

RECOMMENDED VENTILATION:

Provide appropriate local exhaust for grinding, cutting or sanding cured material. If exhaust ventilation is not adequate, use appropriate respiratory protection.

Use particulate collection systems.

RESPIRATORY PROTECTION:

Avoid breathing of dust created by cutting, sanding or grinding. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask dust respirator, full-face dust respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Not applicable.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
ALUMINUM OXIDE OR.....	1.0	FIBER/CC	TWA	CMRG	
ALUMINUM OXIDE OR.....	1.0	FIBER/CC	TWA	OSHA	
	PROPOSED				
ALUMINUM OXIDE OR.....	10	MG/M3	TWA	OSHAV	
	AS DUST				
	OSHA VACATED PEL				
ALUMINUM OXIDE OR.....	10	MG/M3	TWA	ACGIH	
	as Al				
ALUMINUM OXIDE OR.....	15	MG/M3	TWA	OSHA	
	AS TOTAL DUST				
ALUMINUM OXIDE OR.....	5	MG/M3	TWA	OSHA	
	RESPIRABLE				
SILICON CARBIDE.....	10	MG/M3	TWA	ACGIH	
SILICON CARBIDE.....	10	MG/M3	TWA	OSHAV	
	AS DUST				
	OSHA VACATED PEL				
SILICON CARBIDE.....	15	MG/M3	TWA	OSHA	
	AS TOTAL DUST				
SILICON CARBIDE.....	5	MG/M3	TWA	OSHA	
	RESPIRABLE				
SPONGE.....	NONE	NONE	NONE	NONE	
CURED ADHESIVE.....	NONE	NONE	NONE	NONE	
SCRIM.....	NONE	NONE	NONE	NONE	

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
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* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- OSHA: Occupational Safety and Health Administration
- OSHAV: Occupational Safety and Health Administration Vacated PEL. Vacated Permissible Exposure Limits (PEL) are enforced as the OSHA PEL in some states. Check with your local regulatory authority.
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Eye contact is not expected to occur during normal use of the product.

Mechanical eye irritation: signs/symptoms can include irritation, redness, scratching of the cornea and tearing.

Dust created by cutting, grinding, sanding, or machining may cause eye irritation.

SKIN CONTACT:

No adverse health effects are expected from skin contact.

Mechanical skin irritation: signs/symptoms can include itching and redness.

INHALATION:

No adverse health effects are expected from inhalation exposure.

Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system.

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

OTHER HEALTH HAZARD INFORMATION:

This product, when used under reasonable conditions or in accordance with the 3M directions for use, should not present a health and safety hazard. However, use or processing of the product in a manner

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8. HEALTH HAZARD DATA (continued)

not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE June 22, 2001	ISSUE
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